NEWSNOC

Edition 19- January 15, 2020

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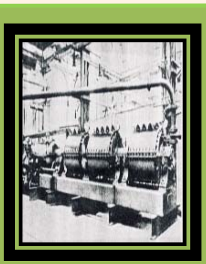

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SNOC Celebrates UAE Flag Day

On November 3, 2020, SNOC & SPC hoisted the flag it being UAE Flag Day. This was in response to the call from His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai, to celebrate the national symbol on Flag Day.

The day is marked to consolidate national identity and enhance unity based on Sheikh Mohammed's directives in 2013. It also marks the Accession Anniversary of our President, His Highness Sheikh Khalifa bin Zayed Al Nahyan.

This year's celebrations was hosted in socially distanced settings as a precautionary measure against the spread of Covid-19. As you all know, SNOC is compliant with Covid-19 precautions set by the local authorities.

Sajaa Plant

SPC/Town Office

LPG Terminal

Melba Amaral

Building Business Relationship

SNOC CEO, Mr. Hatem Al Mosa met with the Consul General of Canada, Mr. Jean-Philippe Linteau, in November 2020. The meeting was held to seek an opportunity to build business relationship between Sharjah Government (represented by Sharjah National Oil Corporation – SNOC) and Canadian companies.

This will help build and strengthen a broad and deep regional relationship between the two societies thus contributing to the economic and social development.

The meeting ended with a vote of thanks with an understanding for a good future relationship.

Melba Amaral

Welcoming New Year - 2021

SNOC & ENI Welcoming New Year at
Mahani Wellsite during Wellhead Piping Leak Test

Khamis Al Mazrouie - Ops.

Mahani Field Opening

The hard working and countless efforts over the last 5 years journey concluded with the successful start-up of production from the new Mahani gas field in Sharjah.

Monday 4th Jan 2021 at 10:50am marked the occasion of a great milestone for the UAE and especially the Emirate of Sharjah, as this was the time the Mahani-01 well choke valve was opened.

A journey of dream, vision and plans was accomplished, starting with acquisition of a 3D seismic survey, identification of the potential targets by SNOC's geological and geophysical specialists and then to drill the well and then installing the downhole and surface equipment for production.

UAE's Sharjah National Oil Corporation (SNOC) and partner ENI announced on this unforgettable day of achievement the start of Mahani-01 gas well in Mahani Field.

It comes one year after the discovery of gas in the field, touted as the first new onshore find in Sharjah in 37 years. Work on the well that included laying a 23,000-metre pipeline was completed in eight months parallel to well completion with high standard production tubing and its accessories. It is now connected to an existing pipeline that feeds into the Sajaa gas processing plant, owned and operated by SNOC.

Abdulla Jany , Production Team - E&P

Mahani Field Opening

Mahani-1 was drilled to a total measured depth of 14,597 feet and tested gas at flow rates of up to 50 MMSCF per day with associated condensate from the Thamama Formation. 6th of Jan at 00:00 hrs is announced as the official start of Mahani production when Sajaa Plant received Mahani first gas.

“The commencement of the first gas production from Mahani, less than a year after discovery, is a tremendous achievement for Sharjah, meeting our commitment to contribute to the efforts of making reliable gas supplies widely available for the local energy needs of Sharjah and the UAE.

Praise to ALLAH granting us with a great gift and happiness, many congratulations to H. H. Shaikh Dr. Sultan Bin Mohamed Al Qasimi and to our Emirate of Sharjah.

Abdulla Jany – Production Team – E&P

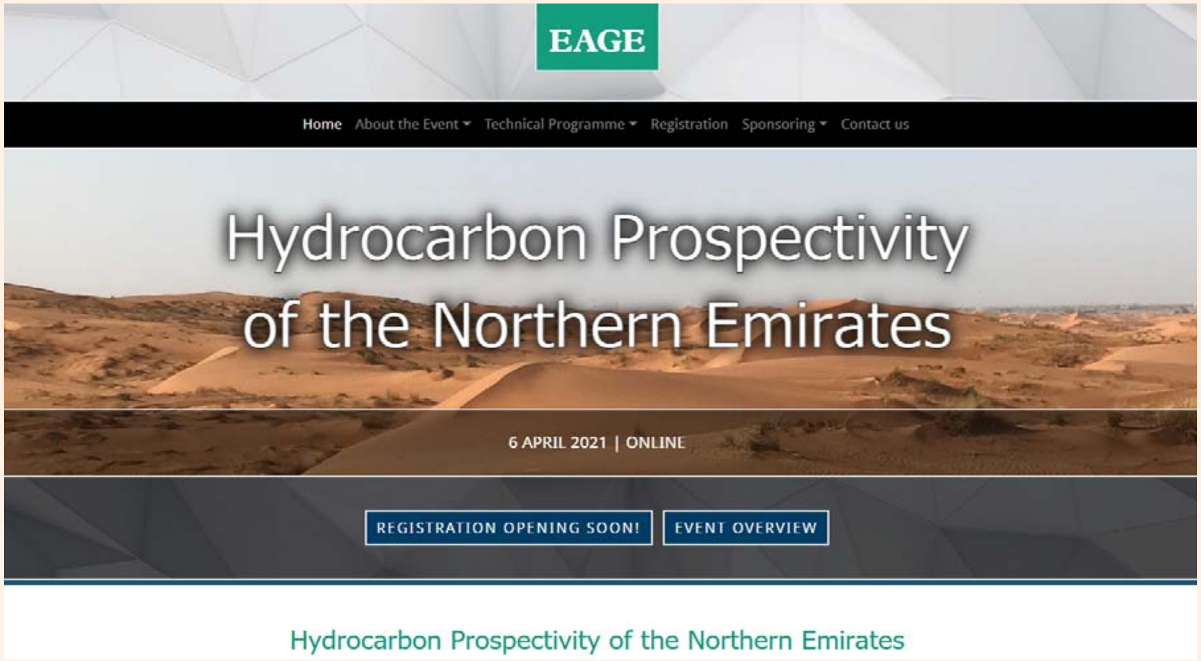
Hydrocarbon Prospectivity of The Northern Emirates

SNOC together with RAKGas are working with European Association of Geologists and Engineers (EAGE) to put together a conference on “Hydrocarbon Prospectivity of the Northern Emirates”. The conference is scheduled for 6th April 2021 and will be held as a virtual event (1 day) due to the ongoing pandemic. This will be a great chance to showcase the interesting G&G and opportunities of the Northern Emirates. We are lining up some interesting guest presenters also, including Eni, CGG, PGNiG , Danubian Energy, APT, GeoModL.

A first draft of the website is shown below. The likely cost of participation should be less than $200 per person. https://eage.eventsair.com/hydrocarbon-prospectivity-of-the-northern-emirates/

EAGE shall be responsible for hosting the video conference facility and for the marketing activities. A field trip is planned the day preceding the conference.

The organizing committee currently comprises EAGE, SNOC E&P and RAKGAS. SNOC E&P is planning several papers for this event and looks forward to using the platform to further showcase the opportunities and interesting geology in Sharjah!



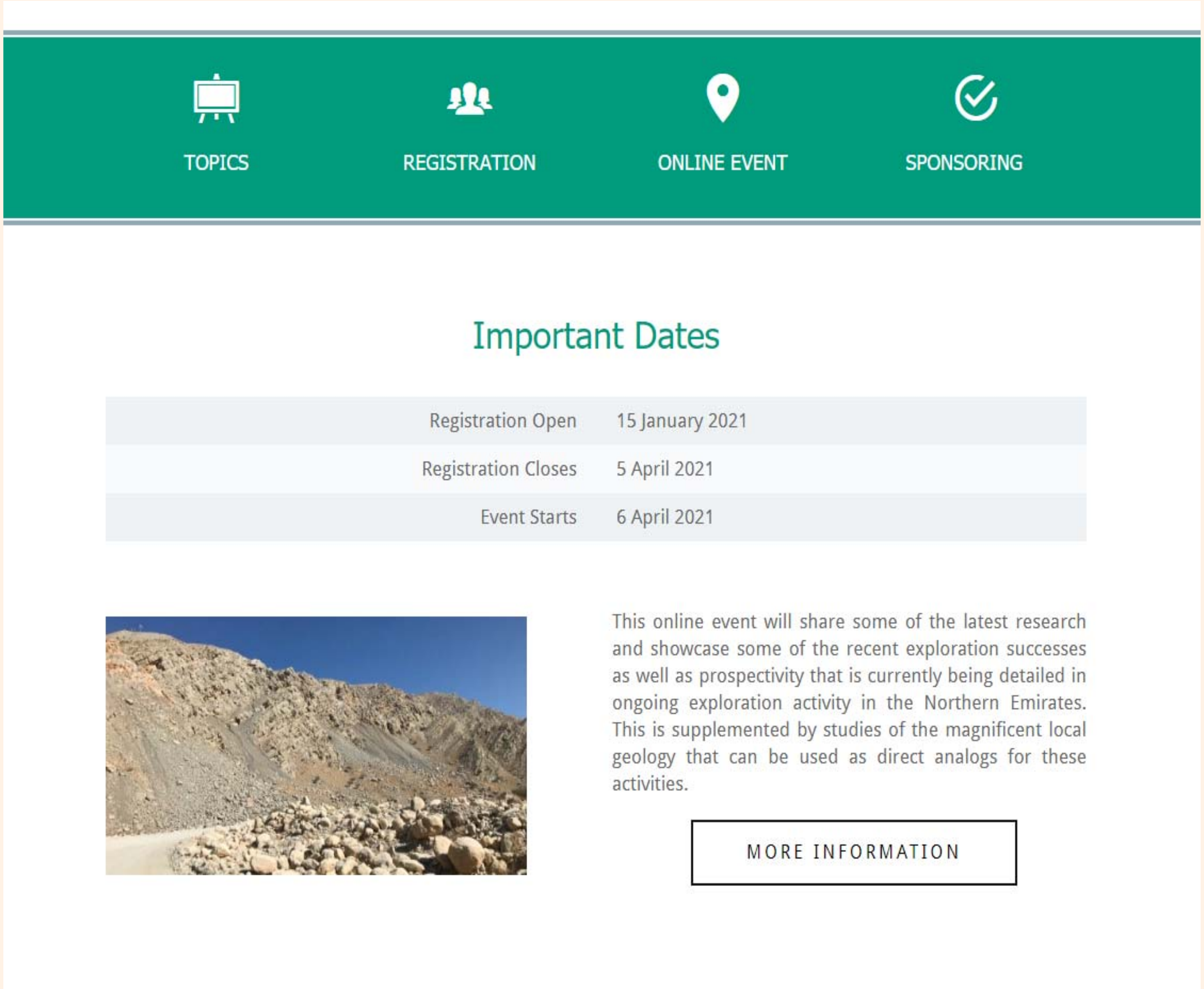
Hydrocarbon Prospectivity of the Northern Emirates

6 APRIL 2021 | ONLINE

Hydrocarbon Prospectivity of the Northern Emirates

Mark Sarssam, Business Development – E&P

Hydrocarbon Prospectivity of The Northern Emirates



Important Dates

Registration Open	15 January 2021
Registration Closes	5 April 2021
Event Starts	6 April 2021

This online event will share some of the latest research and showcase some of the recent exploration successes as well as prospectivity that is currently being detailed in ongoing exploration activity in the Northern Emirates. This is supplemented by studies of the magnificent local geology that can be used as direct analogs for these activities.

Technical Conference Organised By
Society of Petroleum Engineers

ADIPEC Virtual 2020

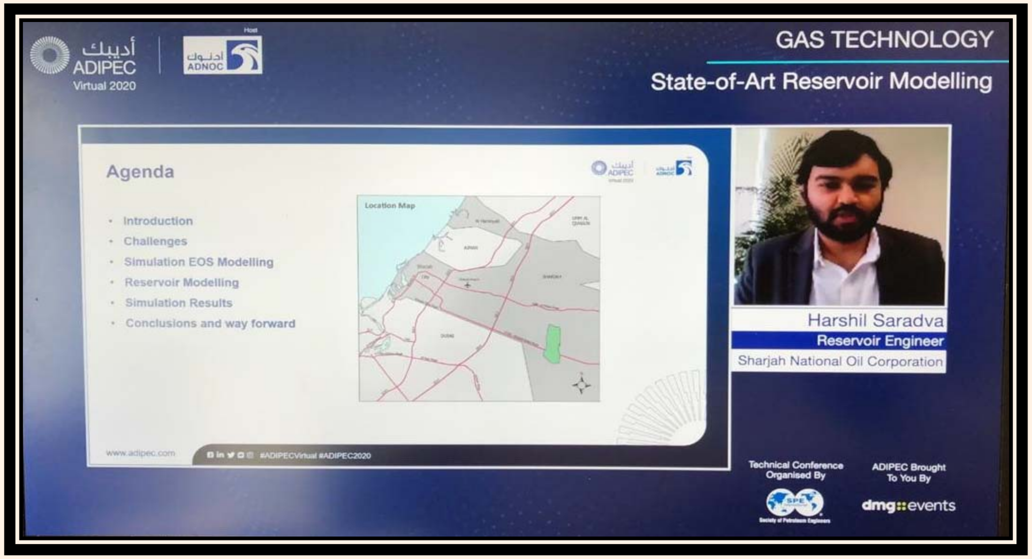
E&P Participated in ADIPEC 2020

The E&P Department is proud to have presented three technical papers in Abu Dhabi International Petroleum Exhibition & Conference (ADIPEC) 2020. The SPE technical conference was held virtually in 2020 due to the ongoing pandemic. The three papers highlight the interesting work performed by the team in various disciplines to help ongoing projects in SNOC. In Addition, two E&P Department Members were in the Technical Committee of ADIPEC and were the Session Chairpersons for two technical sessions.

Paper 1:

Title:	**Introducing Water Component In A Compositional Equation Of State Model For Condensed Water Production Modelling In A Mature Rich Gas Condensate Reservoir**
Date and Time:	11th November at 12:30 PM in Session 076
Authors:	Saradva, H., Jain, S., Golaco, C., Sharjah National Oil Corporation (SNOC) Su, S., Amtereg, A., Mustapha, H., Schlumberger
Presenter:	Harshil Saradva - FD Team

Summary:
It provides a novel workflow for generation of the compositional equation of state with water as a component in retrograde condensate fields. The workflow followed the lumping of hydrocarbon components to minimize runtime and capture maximum possible fluid dynamics in the reservoir without compromising the fluid properties observed in the PVT lab. It was also vital for the simulation model to honor the production history spanning over three decades which was done successfully.



GAS TECHNOLOGY

State-of-Art Reservoir Modelling

Agenda

- Introduction
- Challenges
- Simulation EOS Modelling
- Reservoir Modelling
- Simulation Results
- Conclusions and way forward

Harshil Saradva
Reservoir Engineer
Sharjah National Oil Corporation

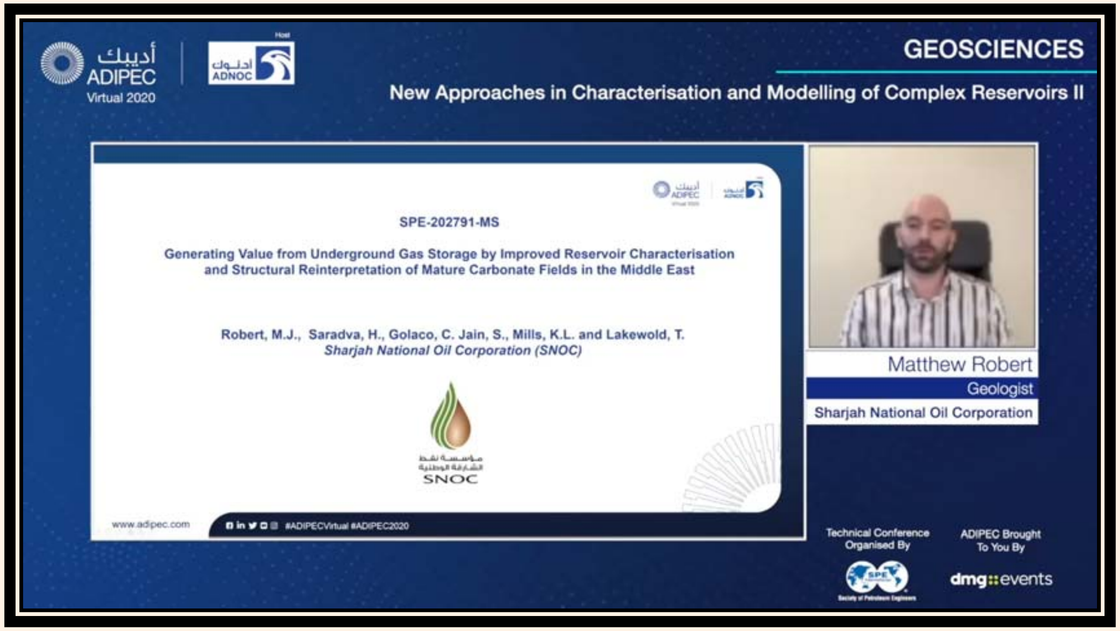
E&P Participated in ADIPEC 2020

Paper 2:

Title:	**Generating Value from Underground Gas Storage by Improved Reservoir Characterisation and Structural Reinterpretation of Mature Carbonate Fields in the Middle East**
Date and Time:	11th November at 11:30 during Session 081
Authors:	Robert, M.J., Saradva, H., Golaco, C. Jain, S., Mills, K.L. and Lakewold, T. Sharjah National Oil Corporation (SNOC)
Presenter:	Matthew Robert – FD Team

Summary:

This paper focuses on the Field Development Team's latest subsurface interpretation of the Moveyeid Field and how this has been built in to the reservoir model to reduce uncertainties when investigating gas storage potential. The study includes new structural surface (from the 2017 3D survey), petrophysical re-interpretation and a re-evaluation of the Moveyeid legacy dataset. Benefits discussed include the optimization of planned new injector wells and modeling impact of coiled tubing drilling laterals leading to a positive shift in project economics. Demonstrating that depleted fields, like the Moveyeid Field, will pioneer gas storage in the Middle East by providing a new life to these assets.



GEOSCIENCES

New Approaches in Characterisation and Modelling of Complex Reservoirs II

SPE-202791-MS

Generating Value from Underground Gas Storage by Improved Reservoir Characterisation and Structural Reinterpretation of Mature Carbonate Fields in the Middle East

Robert, M.J., Saradva, H., Golaco, C. Jain, S., Mills, K.L. and Lakewold, T.
Sharjah National Oil Corporation (SNOC)

Matthew Robert
Geologist
Sharjah National Oil Corporation

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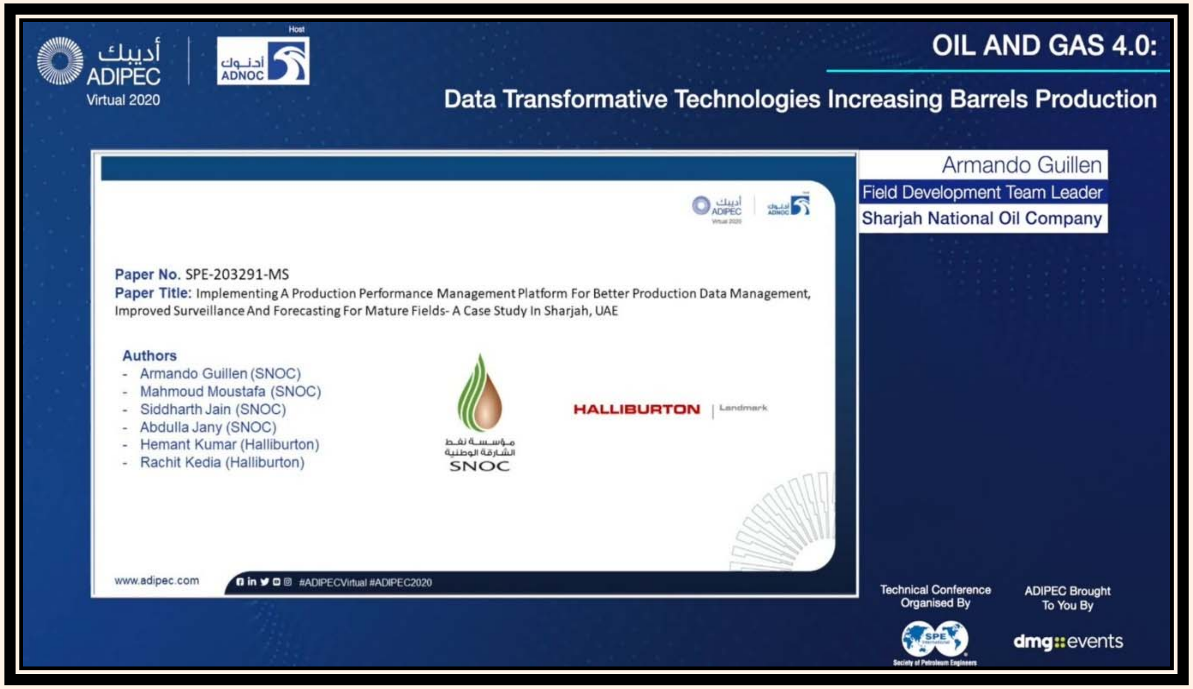
Paper 3 (E-poster):

Title:	**Implementing a Production Performance Management Platform for Better Production Data Management, Improved Surveillance and Forecasting for Mature Fields - A Case Study in Sharjah, UAE**
Date and Time:	E-Poster Sessions 09:30 - 16:00 9-12 November 2020
Authors:	M. Moustafa, A. Guillen, A. Jany, S. Jain; Sharjah National Oil Corporation (SNOC) H. Kumar, R. Kedia; Halliburton
Presenter:	Armando Guillen – Production Team

Summary:

This paper talks about the success case of implementing a production data management system for the mature assets of a National Oil Corporation, encompassing 37 years of production data from various scattered archives. The implementation of the system was customized to suit the requirement of the end-users to enable maximum utilization and faster adoption of the technology. The conceptualization, implementation, customization and development of this digital transformation initiative along with lessons learnt and future development possibilities is demonstrated in this case study.



OIL AND GAS 4.0:

Data Transformative Technologies Increasing Barrels Production

Armando Guillen
Field Development Team Leader
Sharjah National Oil Company

Paper No. SPE-203291-MS
Paper Title: Implementing A Production Performance Management Platform For Better Production Data Management, Improved Surveillance And Forecasting For Mature Fields- A Case Study In Sharjah, UAE

Authors
- Armando Guillen (SNOC)
- Mahmoud Moustafa (SNOC)
- Siddharth Jain (SNOC)
- Abdulla Jany (SNOC)
- Hemant Kumar (Halliburton)
- Rachit Kedia (Halliburton)

E&P Participated in ADIPEC 2020

Session Chairpersons

OIL FIELD DEVELOPMENT

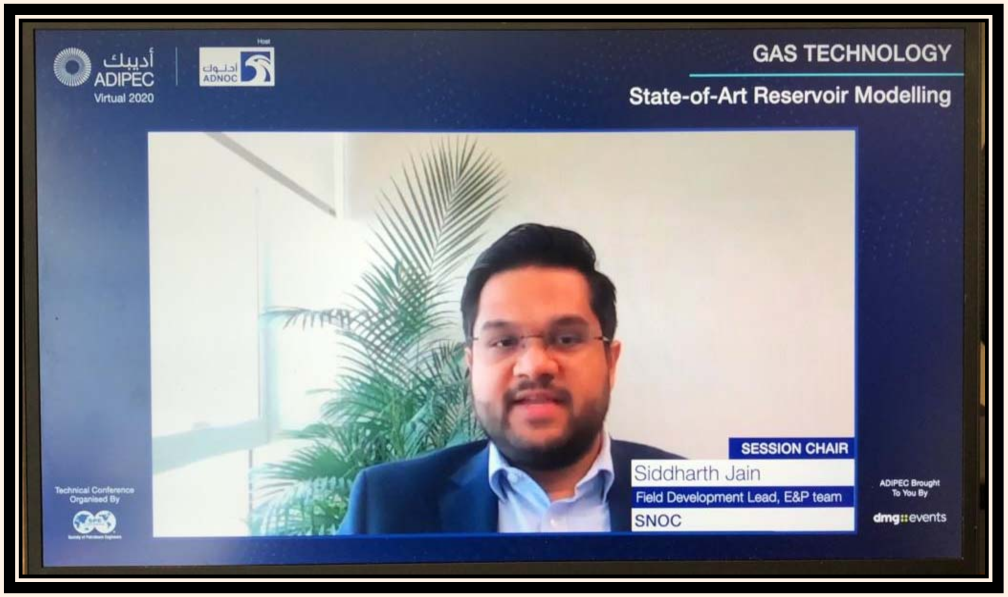
Advancements in Well Intervention and Production Enhancement

SESSION CHAIR

Mark Sarssam

Business Development Manager
& Acting Exploration Manager

SHARJAH NATIONAL OIL CORPORATION (SNOC)



GAS TECHNOLOGY

State-of-Art Reservoir Modelling

SESSION CHAIR

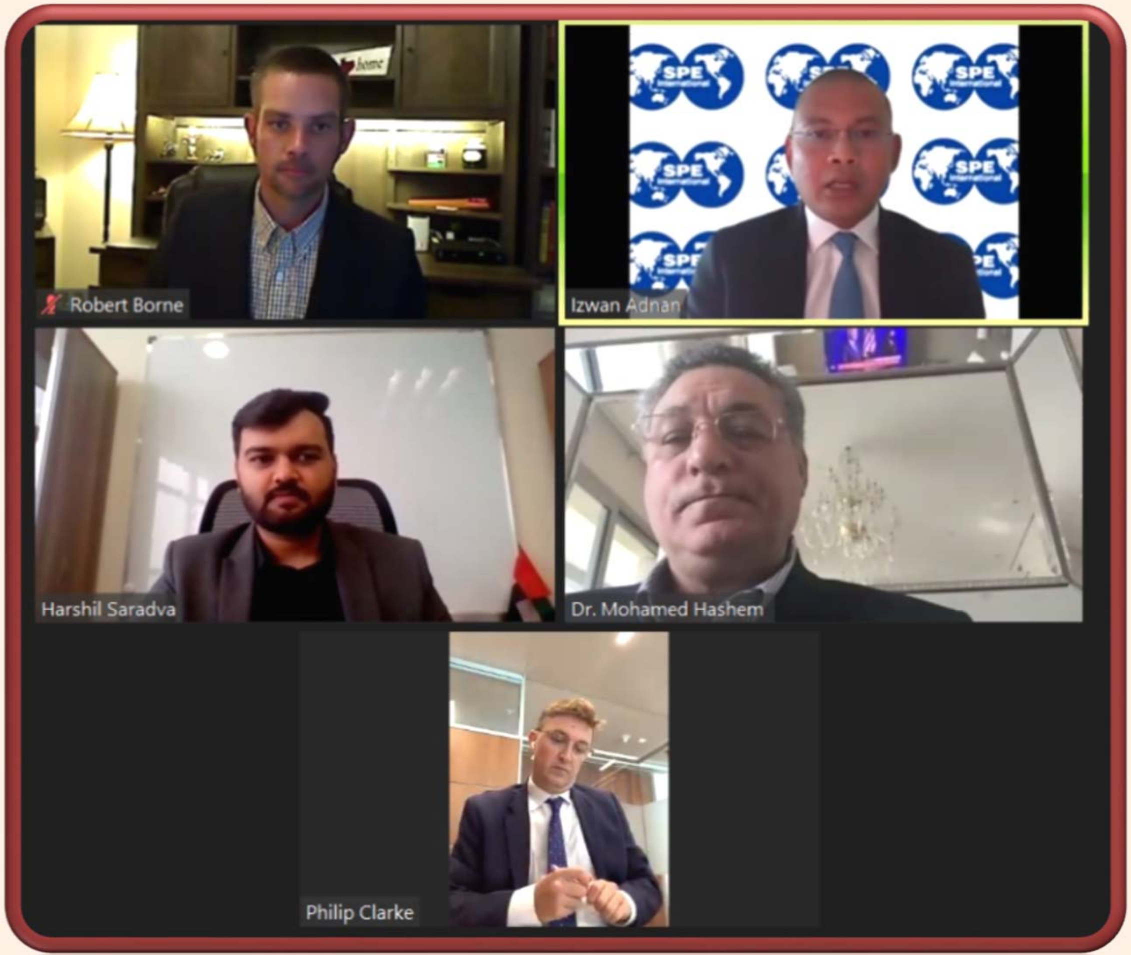
Siddharth Jain

Field Development Lead, E&P team

SNOC

E&P Participated in the ADIPEC University Program Panel Session

Society of Petroleum Engineers (SPE) undertakes a University Program annually where universities from the MENA region participate, this is conducted in association with Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC). Student teams of these universities are provided a project and compete with their peers at inter-university level from the MENA region. The Field Development team has been supporting this program for the past 3 years in various roles. Since this year was an exception due to Covid-19, all panel sessions, industry visit and projects were performed virtually.



Harshil Saradva was invited as a Panel Speaker to the Virtual Panel session titled aptly, “Adaptability and Transitioning into the ‘Virtual’ Workplace”. The panelists were from multiple disciplines, from recruiting, engineering to digitalization with experience exceeding 40 years in the industry. The panelists discussed how they have adjusted to the ‘new normal’ of virtual workplace in personal and professional capacity. The discussion also included response to students’ questions, especially related to internships, jobs and professional development.

Overall the discussion from the panelists was quite healthy and informative to the students. The response received was positive and I was glad to be a part of this panel and share my experience and thoughts to the students.

Harshil Saradva – FD Team – E&P

Surface Facility For Mahani-1 EWT Project

Story of Fast Track EPC Project – Executed & Commissioned in Record 8 Months

The commissioning of Mahani Project was originally estimated to take one and half year after commercial discovery. The commercial discovery of Mahani-1 was announced on 27 Jan, 2020. However, after the announcement of the commercial discovery of Mahani-1 on 27 Jan, 2020, and in the midst of the overwhelming feeling of excitement and enthusiasm among the JV partners (SNOC and Eni), a very challenging target of starting production by the end of the year 2020 was self-obliged and committed to.

At this stage, the project FEED engineering study was not completed due to unavailability of PVT analysis and pipeline right of way (ROW) was also not approved. However, a fast track project execution strategy was adopted featuring the following:

a) Identifying and placing orders for long lead items (line pipe, HIPPS, choke valve and large bore valves & shutdown valves) by SNOC.
b) Issuance of EPC scope documents in stages based on availability of FEED deliverables.
c) Award of topography and geotechnical surveys at the earliest and activities continued in parallel with EPC bidding.

Soon after starting work on above time challenging tasks, the impact of the Pandemic began to affect various parts of the world and particularly Italy (where we had several key vendors of the project LLI items, the project procurement QC support from Eni HQ Pipeline Engineering Consultant). By March 2020, SNOC also went into lock down situation. Nevertheless, project team continued to progress, on fast track - simultaneous basis, the multiple work fronts of FEED Completion, LLI procurement, ROW SOW definition and authority approvals and EPC tender clarification and evaluation for 4 bidders. Such challenge were efficiently tackled by adopting to the new working environment (to work from home) and by maximizing the use of Microsoft TEAMS for all project related internal and external meetings.

The FEED documents were issued in stages to expedite the tender process and EPC contract award. The FEED was actually completed while the EPC tender evaluations work was in progress, which made it more challenging to manage and track the clarification and timely conclude the technical evaluation and award process. This was not an easy task as it required the team to work for extended hours and it involved extensive work load for many weeks. To save additional cost and improve the overall project schedule, the team adopted a last minute change in the execution strategy for the ROW and included this scope as part of the EPC Contractor SOW, while under competitive bidding. This revised strategy was proven successful in eliminating the Company risk and exposure from ROW construction delays or commercial claims (from insufficient scope definition). EPC contract was finally awarded on target by May 03, 2020.

Surface Facility For Mahani-1 EWT Project

Story of Fast Track EPC Project – Executed & Commissioned in Record 8 Months

To be compliant with SRTA NOC requirements, the preparation of the 22.5 Km Right of Way (ROW) for the Mahani -1 Project was very unique and required a non – typical construction method. It involved earth movement of tremendous volumes of cut and fill quantities (of approximately 1.6 million cubic meters of sand), with some cut locations reaching a depth of more than 17 meters), in order to match with the level of a future road development plans in the area.

The 8 months EPC schedule to achieve Ready of Start-Up was very challenging as the scope includes detailed engineering, tendering and procurement of EPC – long lead items including Separator Package, construction of 22,500m long pipeline (in the peak summer months), installation, pre commissioning and commissioning of all packages and E&I facilities during the highest pandemic imposed constraints.

Therefore, the chase for achieving the extremely tight schedule have started from day one after award of EPC contract. A pre-liminary pre-kick-off meeting was arranged within 2 days to set the stage and expectations from the formal kick-off meeting and start of early planning activities including transfer of additional technical information. All the long lead items of EPC contractor were hard-pressed to be awarded within 4-6 weeks through constant follow-up.

The contractor mobilization to site was expedited while overcoming the challenges due to COVID-19. The early completion of the ROW preparation, along with timely arrival to site of the LLI coated line pipe material were essential pre requisite to support the timely construction of the pipeline.
Other major challenges faced are mentioned below:

a) Expedited detailed engineering
b) Rejection and Change of the EPC selected production separator vendor from China to UAE after few weeks from the award of EPC
c) Ordering of Long Lead Equipment by Company & EPC Contractor
d) Micro tunneling for road crossings
e) Ensuring QA/QC of procured material by SNOC
f) Outbreak of COVID-19 at site
g) SIMOPS inside wellhead while drilling team is working

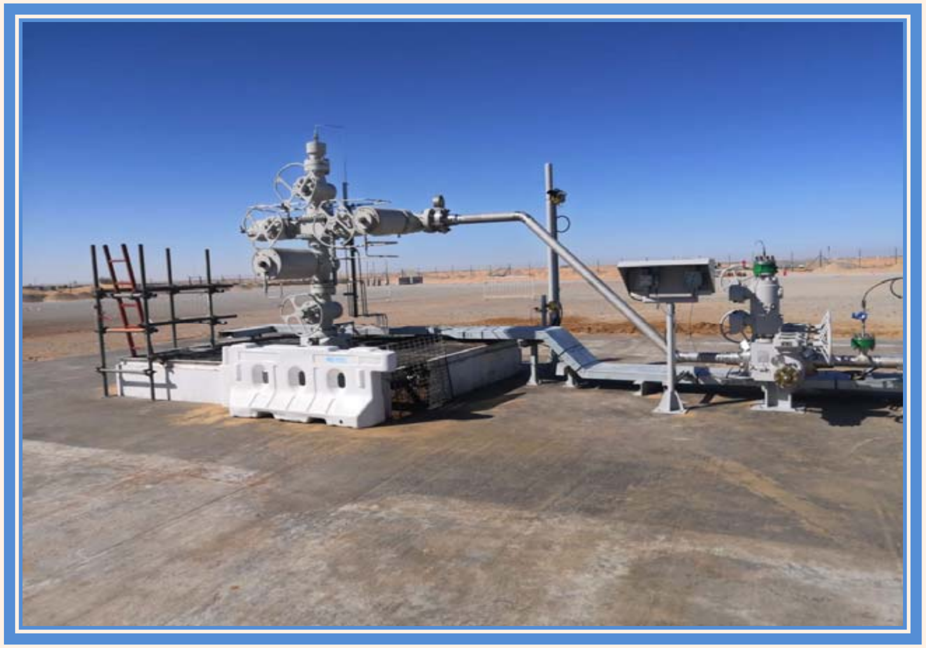
Surface Facility For Mahani-1 EWT Project

Story of Fast Track EPC Project – Executed & Commissioned in Record 8 Months

At the end, all construction works were safely completed with no LTI and involving 550,000 Man-hours. Pipeline testing and commissioning activities were well planned and executed as planned which resulted in successful commissioning of the project on 4th Jan, 2021 (meeting the target of 8 months from award of EPC on 3rd May, 2020)

Above is a glimpse of a long story, which was full of challenges, excitement, enthusiasm, dedication, hard work, patience, relentlessness and perseverance shown by all involved, particularly, the project team.

Please refer to Project Photos below:



Wellhead Connected to the Production Line

Multiphase Flow Meter (MPFM)

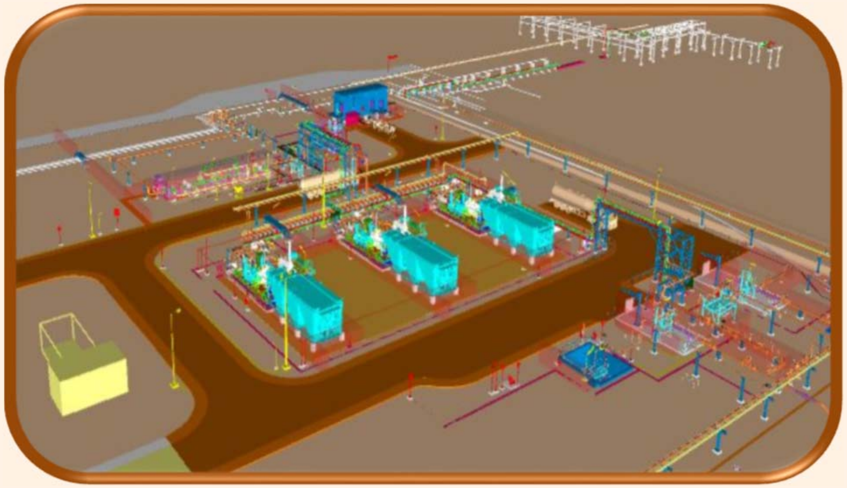
Surface Facility For Mahani-1 EWT Project

Story of Fast Track EPC Project – Executed & Commissioned in Record 8 Months

The Two HIPPS Valves and the Choke Valve

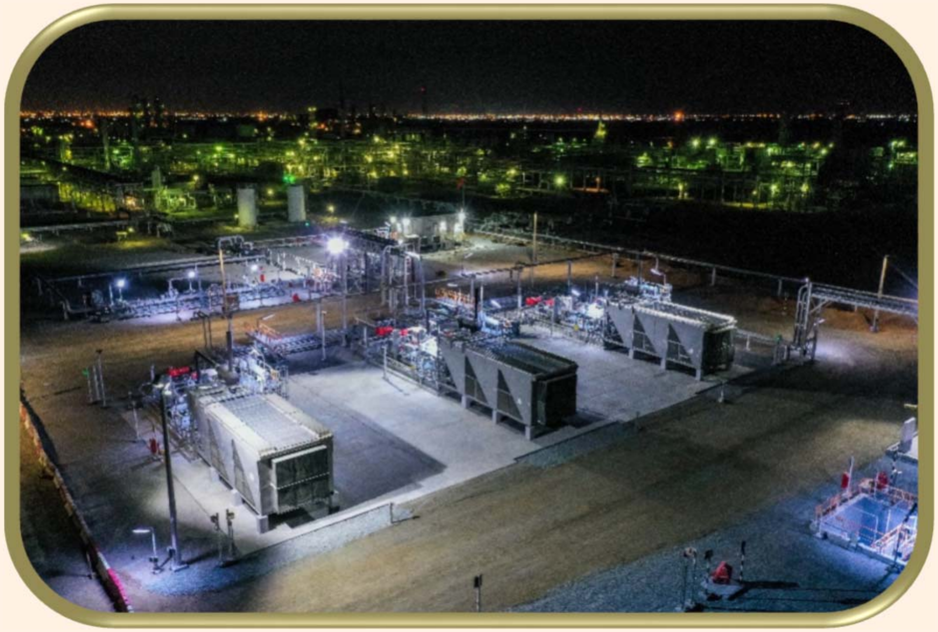
Mahani -1 Pipeline Stringing

A 17 Year Dream…………



Becomes

A Reality………….



Moveyeid Gas Storage Project

The Gas Storage Project in Moveyeid is a dream project and has opened new business development activity for the Sharjah National Oil Corporation (SNOC). It will help balance the gas supply / demand for Sharjah and meet the required gas supply flexibility for Sharjah's power sector.

The EPC project was awarded after conducting FEED study and detailed tender evaluation to avoid any variation orders during execution which was successfully achieved. The Kick-off meeting for EPC project was held in Dec 2019. However, considering the fast track nature of the project, technical discussions and documents sharing were started even before the kick-off meeting. From start, the Contractor was pressed to expedite the ordering for long lead items in order to meet the fast track schedule. This **resulted** in arrival of critical items like line pipe and compressor packages on schedule which facilitated the timely completion of the project.

The first gas was introduced to the project on 31 Dec, 2020. The project was completed on budget and on time considering the execution in the midst of pandemic.

The gas to be injected will be supplied from the main sales gas header at Sajaa Plant. It will be compressed using existing sales gas compressors C101 A/B which have 66 MMSCFD capacity each at Sajaa Plant to the high pressure compressors installed as part of this project and injecting the gas at high pressure to respective Moveyeid wells. Any reliefs and emergency blow downs form the new compressor facility will be discharged into cold vent system header and safely disposed with a new cold vent stack.

Following are the main components of the new facilities constructed as part of this project:

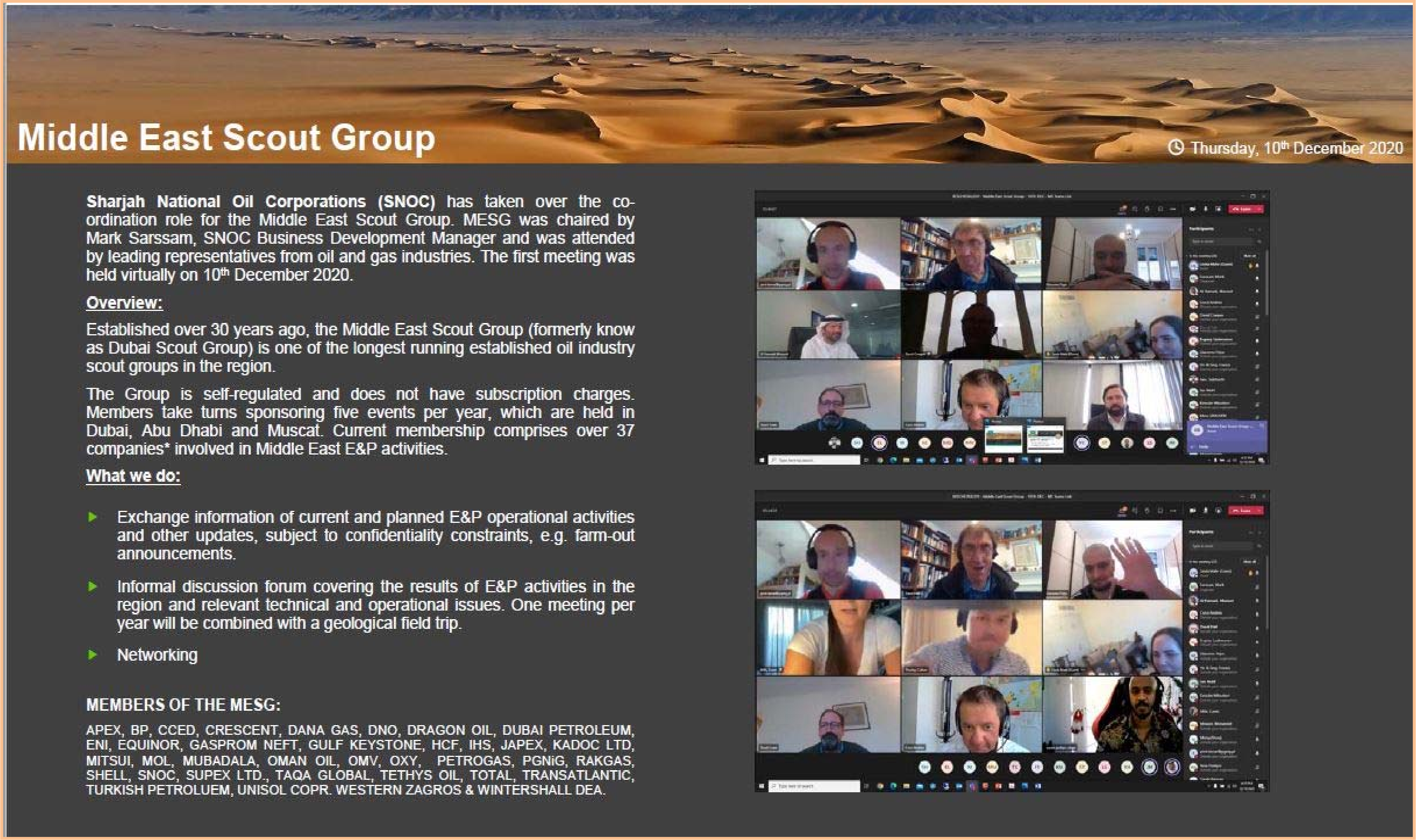
- 3 new High Pressure Gas compressor with each have a capacity of 25 MMSCFD and 3000 psig injection pressure.
- 2 Ultrasonic flow meter with a capacity of 50 MMSCFD each and a gas chromatography.
- Instrument air compressor with 2 Compressors + 2 Dryers with discharge pressure of 150 psig and one receiver tank with a storage capacity of 4.5 M^3.

Moveyeid Gas Storage Project

- LER building with fully automated HVAC and F&G system.
- Close drain system with a close drain vessel with holding capacity of 1 M^3.
- Lubeoil tank with holding capacity of 4.5 M^3.
- Pipeline leak detection system (which is a new system introduced to our facility).
- RTU, OTIS and F&G system in all 4 Moveyeid wells.
- Enhanced and more reliable communication system with FO cables between all 4 Moveyeid wells to our control room.
- New Cold vent system with a capacity of 102 MMSCFD and an operating temperature 225 / -160 °F.
- 12” and 16” pig launcher and receivers.
- Modification in North and south manifolds to convert old injection system to production system.
- 12” trunk line of 6.3 KM designed for a capacity of 200 MMSCFD and injection pressure of 5500 psig.

The execution of the project was challenging considering the FastTrack schedule with most of the material are long lead (because of high pressure application) and challenges caused by Covid 19 pandemic. We overcome all the challenges by close monitoring, early identifying the risk and proper risk mitigation. The Project construction achievements are welding of 9077 inch dia, erection of 60 ton steel, 2000 M^3 of concrete and 50 KM of E&I cables. All of it was completed without any operational or environmental incidents and achieved almost 800,000 Man Hours without **“Lost Time Incident (LTI)”.**

Middle East Scout Group (MESG) in Action



Middle East Scout Group

Thursday, 10th December 2020

Sharjah National Oil Corporations (SNOC) has taken over the co-ordination role for the Middle East Scout Group. MESG was chaired by Mark Sarssam, SNOC Business Development Manager and was attended by leading representatives from oil and gas industries. The first meeting was held virtually on 10th December 2020.

Overview:

Established over 30 years ago, the Middle East Scout Group (formerly know as Dubai Scout Group) is one of the longest running established oil industry scout groups in the region.

The Group is self-regulated and does not have subscription charges. Members take turns sponsoring five events per year, which are held in Dubai, Abu Dhabi and Muscat. Current membership comprises over 37 companies* involved in Middle East E&P activities.

What we do:

- Exchange information of current and planned E&P operational activities and other updates, subject to confidentiality constraints, e.g. farm-out announcements.
- Informal discussion forum covering the results of E&P activities in the region and relevant technical and operational issues. One meeting per year will be combined with a geological field trip.
- Networking

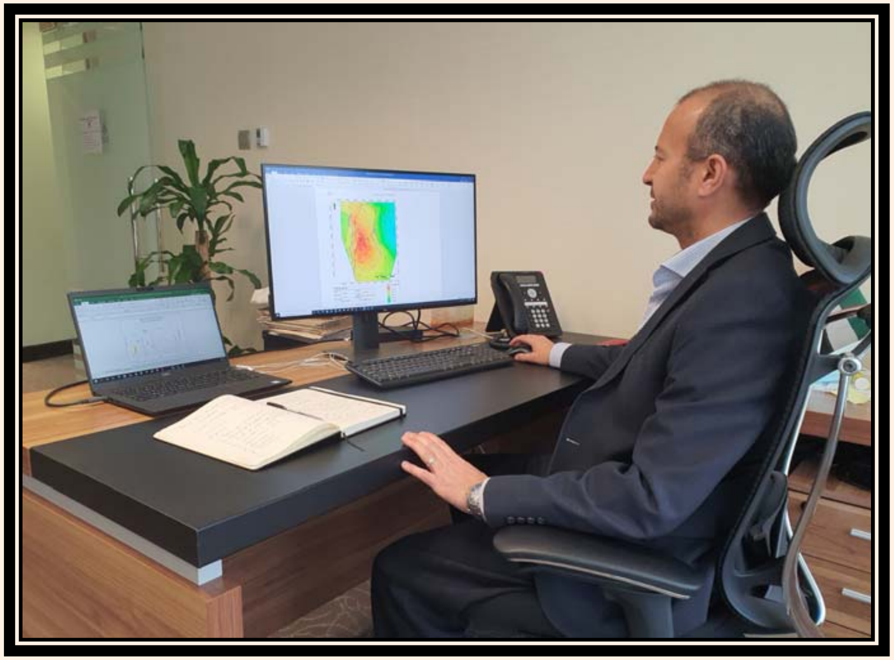
MEMBERS OF THE MESG:

APEX, BP, CCED, CRESCENT, DANA GAS, DNO, DRAGON OIL, DUBAI PETROLEUM, ENI, EQUINOR, GASPROM NEFT, GULF KEYSTONE, HCF, IHS, JAPEX, KADOC LTD, MITSUI, MOL, MUBADALA, OMAN OIL, OMV, OXY, PETROGAS, PGNiG, RAKGAS, SHELL, SNOC, SUPEX LTD., TAQA GLOBAL, TETHYS OIL, TOTAL, TRANSATLANTIC, TURKISH PETROLUEM, UNISOL COPR. WESTERN ZAGROS & WINTERSHALL DEA.

Start of Journey in SNOC with E&P – My Reflection

The year 2020 was not an easy year for millions of people around the world and especially for the oil and gas industry due to Covid-19 pandemic. Many lost their jobs or had to work part time and accept pay cuts to survive during these harsh times. By the blessing and help of Allah, I was fortunate enough to join Sharjah National Oil Corporation and be part of SNOC family in October 2020.

Reflecting back on my first few weeks, I felt like I was part of the E&P team for a long time and they were very open, supportive and happy for me to contribute to the department activities from the very beginning. The team were open to my suggestions and ideas which instantly made me feel comfortable and definitely give me a very positive impression about the work environment within the team and working with other departments.



Dr. AbdulHafid Bentaher, Senior Reservoir Engineer, FD Team, E&P department

The E&P team successfully and safely managed to install the completion string and tested Mahani-01 well early December this year and is preparing to start up the production early Jan 2021. The integration between the different departments in SNOC and the support from the top management team with the attention to details played a great role in this success and will continue for future achievements. The start of 2021 will be the start of the new era, by the will of Allah, for SNOC as Mahani field will be on production and the E&P department is working with our partners Eni to plan the drilling of Mahani-02 and Mahani-03 wells.

Under the directive of the top management team, I see a clear vision and clear objectives for SNOC future plans which is the way to strong performance and delivery. We have taken the first few steps toward the bright future and I'm really happy to be part of this journey and thankful to everyone at SNOC for making me feel welcome and appreciated. Together as a one team, hand in hand we all can complete our journey successfully, safely and make SNOC a shining star in Sharjah and UAE.

Dr. AbdulHafid Bentaher, FD Team – E&P

Holding Back A Tide Of Sand

By day the hot sun fermented us; and we were dizzied by the beating wind. At night we were stained by dew, and shamed into pettiness by the innumerable silences of stars. – T.E. Lawrence, Seven Pillars of Wisdom

The Arabian desert, a vast sea of sand that every year threatens to bury our wells and consume our roads. Standing against this **"tide of sand"** is our dedicated field maintenance team headed by Mahmoud Mahmoud and Hassan Sabir.

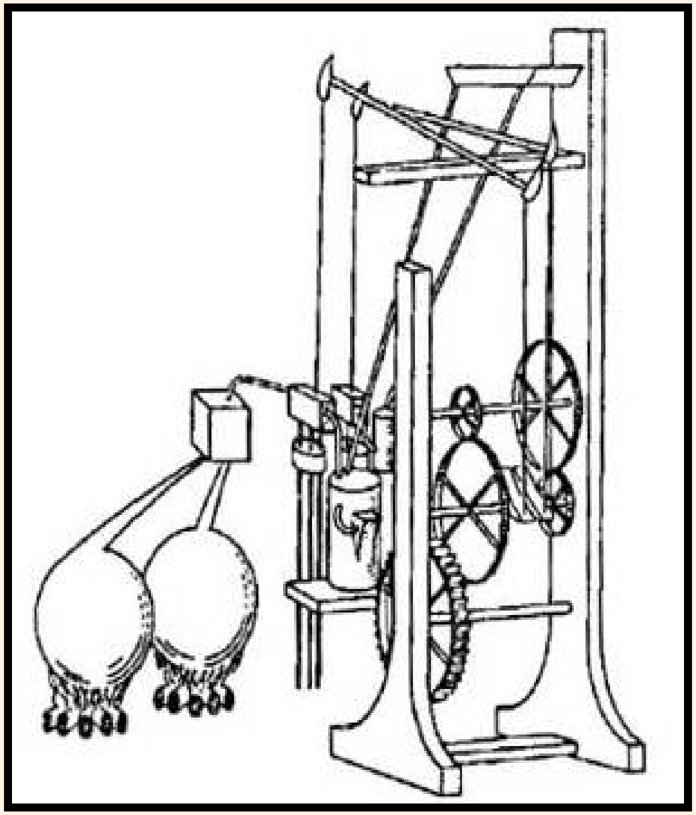
2020 has been an unusual year but the battle against the ever-encroaching dunes continued as it always has … and always will. By the end of the year, our field maintenance team will have cleared and repaired around 30km of road, erected and repaired more than 7km of sand fencing and cleared 40 well and manifolds … but of course, the desert won't stop coming!

***Steve Young** – Maintenance*

Who Invented Industrial Gas Turbines?

Turbomachinery is critical to SNOC's operations. Our fleet of gas turbines provides gas compression and electrical power to our assets. Each of our gas turbine sets uses an air compressor driven by turbines powered by the expansion of combusting gasses. This arrangement allows massive levels of power density compared to a piston engine. For example, our 3,000 Horsepower piston engines weigh 20 tonnes, yet our 15,000 Horsepower industrial gas turbines weigh only 10 tonnes … a power density 10 times higher with huge associated benefits in terms of installed and maintenance costs. So who came up with this great idea?

John Barber patented the first gas turbine in 1791. Barber was a "Coalwatcher" (Coalmine Ops Manager), in England. Barber's patent has all the key elements of a gas turbine … compressor, burners and a turbine. Barber's design used a reciprocating air compressor instead of the axial flow air compressor found on most modern gas turbines. Barber's gas turbine was designed to propel a "horseless carriage" but there is no evidence it was ever built (Barber died within two years of the patent submission). Barber's patent turned out to be enormously influential and is the starting point of many gas turbine and jet engine textbooks. *Read on….*

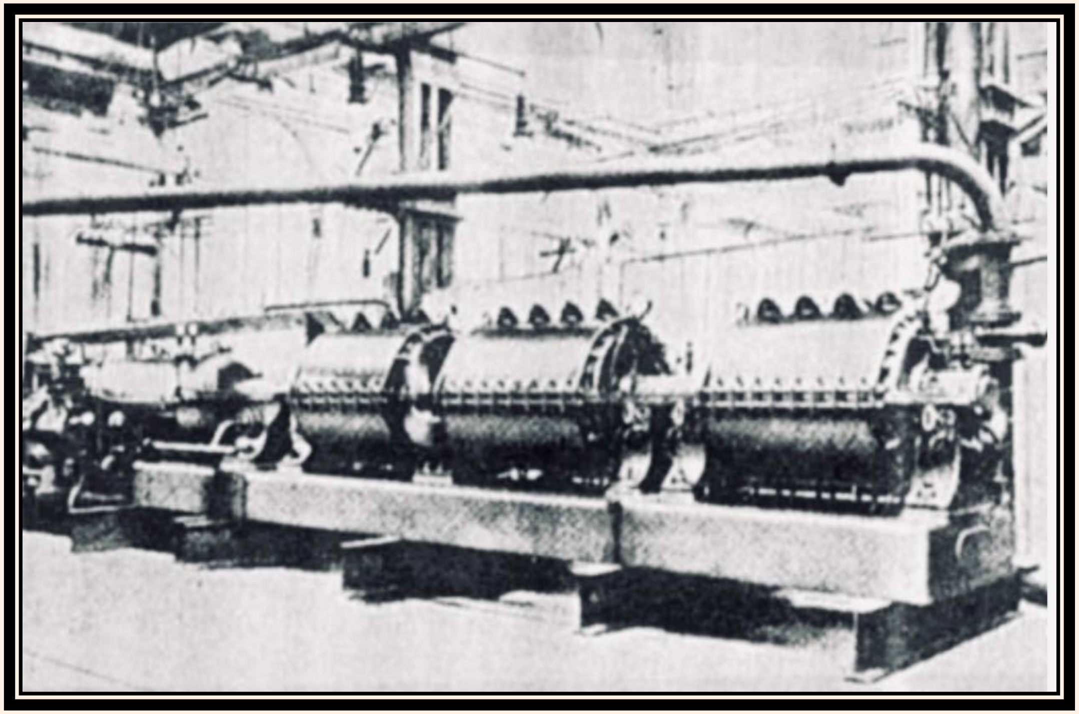


***Sketch from John Barber's 1791 Patent No** (UK patent no. 1833 of 1791 AD – Obtaining and Applying Motive Power, & c. A Method of Rising Inflammable Air for the Purposes of Procuring Motion, & Facilitating Metallurgical Operations)*

Steve Young – Maintenance

Who Invented Industrial Gas Turbines?

The next breakthrough in industrial gas turbine development took place from 1903-1906 when the Brown Boveri Company (BBC) of Baden, Switzerland (which later became ABB) began building turbo-compressors in collaboration with the French industrialist Auguste Rateau. The first machine built under this agreement was a 25 impeller, three casing centrifugal compressor producing a discharge pressure of 45 psig. The compressor was fitted to a 400 horsepower turbine built, in Paris, by Rene Armengaud and Charles Lemale for the "Societe des Turbo-Moteurs" and was formally exhibited in 1906. The turbine could sustain its own air compression but was too inefficient to produce useful work. BBC went on to develop the commercially successful Velox boilers. Velox boilers use an axial flow air compressor driven by a flue-gas turbine to allow rapid heating of a steam boiler. *Read on…*



The Armengaud and Lemale Turbine, circa 1905

Who Invented Industrial Gas Turbines?

This, mostly forgotten, machine class influenced future turbojet engines and industrial gas turbines. The first Velox boiler was installed at the Mondeville Steel works in France in 1932.

BBC continued development of the Velox boiler, which led to Velox turbo-compressors sets being directly coupled to alternators. All that was needed to create a true industrial gas turbine was to remove the steam boiler and drive the turbine blades directly from the combustion chamber. In 1939, BBC built the first industrial gas turbine for a power station in Neuchatel, Switzerland. The 4 MWe gas turbine was first tested in July, 1939 and was fully operational early in 1940. The Neuchatel gas turbine remained in service until 2002 after which it became a preserved tourist attraction.

Thriving in the midst of a Pandemic: Featuring SNOC Heroes Part 2

As SNOC continue managing the "new normal"; critical manning staff who stayed in country for 7-8 months, were able to go back home reuniting with their families for a much needed rest.

This quarter; Operation Manager Khamis Al Mazrouie & the Plant Team Leaders would like to re-direct the spotlight to Sajaa Plant Heroes. These are the last men standing while their colleagues started going back home. They remained in the UAE continuing their duties while waiting for their colleagues to return back from vacation. Their selfless acts enabled safe operations and allowed SNOC to continuously deliver their commitment to its customers.

As a way of recognizing our ground heroes who through their courage and acts that went beyond and above their normal duties; the Operations Team is once again delighted to share inspiring stories to serve as a beacon of hope during the most difficult times in the history of Sajaa Asset. We hope each of their story will inspire us to see the light at the end of the tunnel, and give us a burst of hope and courage to persevere during challenging times in an unchartered territory.

Adam Haroon

Adam stayed in country for 7 months. Joining SNOC in 2017 as an operator he utilized his technical background to cover multiple areas as an Area Operator supporting the Team during the Pandemic due to limited manpower. Adam demonstrated to be a hard worker and a reliable team member with a positive attitude at the same time ensuring that his assigned areas of responsibilities are running safely.   ***"During the pandemic, SNOC did its best to keep us safe. I really believe that it is a big Corporation" ~ "Adam~***

Sohail Hussain

Sohail stayed in country for 7 months. Joining SNOC in 2014 as an Area Operator Sohail accepted the responsibility to cover multiple tasks/role as Area Authority and Plant Operator at the same time during the Pandemic. He fully provided support to his superiors and colleagues of less experience in order to manage the day-to-day work activities safely due to minimal manpower imposed by the Covid-19 restrictions. ***Support from Seniors specially from the HR team kept us motivated and provided the grounds for pushing the limits of our performances" ~ Sohail~***

Riaz Ali

Riaz stayed in country for almost 8 months. A new joiner to the operations team team but not new to Sajaa Plant Operations Team. Joining SNOC in 2018 as an an operator he showed diligence, hard work and established a good working relationship with the Team through good collaboration. Affected by the impact of the Pandemic Riaz accepted the challenge to cover multiple areas responsible for ensuring the Plant is running safely. His past employment experience enabled him to carry out his tasks efficiently during challenging times. ***"Our managers played main role to keep us safe and   do our jobs business as usual without panic" ~ "Riaz~***

By: Grace Amores

Thriving in the Midst of a Pandemic: Featuring SNOC Heroes Part 2

Jarnie Albelda

Jarnie stayed in country for almost 8 months. Joining SNOC in 2014 as a Plant Operator he ensured his colleagues are safe during the Pandemic by performing multiple roles as Area Operator and Area Authority to cover limited manpower. His work experiences enabled him to fulfill many roles with confidence allowing safe and reliable operations during the most challenging times. Jarnie is also commended for his positive attitude at work while being away from his family helping his colleagues to stay optimistic. ***"It was a challenging time and everyone stepped-up to continue our operations and protect our personnel. Thanks to our Leaders for supporting and keeping us safe during the pandemic. " ~ "Jarnie~***

Orville Laag

Orville stayed in country for almost 8 months. He is one of the Operator who stayed longest during the lockdown in support of the critical manning staff. Orville joined SNOC as an Operator in May 2014. He accepted the challenge to cover multiple areas/roles due to limited manpower. His technical skills gave Orville the confidence to work under pressure delivering what is expected of him ensuring that the Plant is operating safely amidst difficult situation. ***"It was a hard time but managers and leaders drive the situation safely and smoothly that make us work as normal with no pressure" ~ "Orville~***

Arnold Aran

Arnold is considered the "last man standing" who stayed in country for almost 9 months. Among his peers he was the last one to go back home. Joining SNOC in 2012 as a Plant Operator and later on as a Control Room Operator Arnold was responsible for manning the heart of Sajaa Plant Process area - the Control Room without a regular back-to-back which is both physically and mentally draining. But Arnold remained focus; maintaining his composure while being away from his family. Through his positive attitude Arnold provided psychological support to his colleagues who were starting to get affected emotionally and mentally because of the uncertainty brought about by the Covid-19 lockdown. ***"SNOC Leadership was very understanding and supportive in providing our needs. Even with the minimum manpower, we were able to deliver targets safely and efficiently with high levels of reliability and professionalism. " ~ "Arnold~***

Thriving in the Midst of a Pandemic: Featuring Maintenance Team Heroes

Learning from the difficult times and moving forward is what defines us. During our difficult situation, the way in which we adapt is essential to our growth and enables our resilience.

This is how the Maintenance Team Heroes cope during the Pandemic. The unprecedented situation caused major upheaval to the 6-1 contractors from changing accommodation to taking on senior roles however; each have shown resilience and adaptability during the most challenging times. How they have responded to the challenge has shaped them as individuals and defined their commitment to the Team.

"During the Critical Manning Edwin Pangilinan, Qamar Shazhad & Allan Anoche literally saved maintenance at Sajaa Asset" ~ Steve~

Groupie during engine change-out of K-7001C

Grace Amores

Thriving in the Midst of a Pandemic: Featuring Maintenance Team Heroes

Edwin Pangilinan

*Edwin joined the Maintenance Team as a contract electrical technician in 2011 to assist the Electrical Team. His years with SNOC gave him sufficient experience in his task and as a PA (performing authority). During the lockdown Edwin utilized those experiences to take on responsibilities covering a more senior role during the critical manning. "**Decision making was a challenge for me…but thanks to the support of my colleagues, our Team Leader Steve and SNOC management for providing us an accommodation allowing us to be safe". ~Edwin~***

Qamar Shahzad

*Joining the Maintenance Team as a contract mechanic in Dec 2019; Qamar was tasked to assist the Sr. Mechanics in turbine maintenance works and engine change-out. But during the Pandemic he had to take on the challenge of covering both roles including acting as a Sr. Mechanical Technician during critical manning. When asked if he faced any difficulties with the responsibility he said; **"good collaboration and support by my colleagues gave me the confidence to perform my duties. It was very challenging because we were working continuously for 3 weeks to complete two major turbine change-out for G-102LB & K-702LA. But we worked as a team and it was a good learning point for me" ~ Qamar~***

Allan Anoche

*Alan joined the Maintenance Team as a contract instrument technician in 2012 to assist the Instrument Team. During the lockdown Allan had to cover multiple roles and took on a more senior role due to the absence of a Sr. Instrument Tech. But work must go on; his years of experience with SNOC was essential to the completion of multiple tasks with limited manpower. "**we managed our tasks because of the support of each one. We saw how SNOC management protected the people including us. We thanked them for providing us accommodation to make us safe". ~Allan~***

Grace Amores

Zero Exposure Days – SNOC Covid-19 Story

Even before the pandemic was declared, as early as January 2020, SNOC made a huge step in preventing the COVID19 threat to affect the lives of its employees and contractors as well as the business continuity. It was a challenging time but the dedication of everyone with the leadership of our CEO, the PRP team members and all its employees and contractor made SNOC be safeguarded from this unknown threat. Let's take a glimpse of the milestone of 365 days with COVID19:

- Review all past health status using the declaration forms to understand the well-being of all individual. Thermal scanning was also initiated all locations. Employees health status monitoring through status of employee vacations for past and Upcoming period and travel destinations for official tasks or for personal purposes.
- Identifying critical functions which includes all parties. Alternative places or locations that could be used to perform business.
- Availability of back-up manning plan in case of any people been affected by virus and the safe suspension plan.
- Activate the stand-by shifts. Reduce all operation to minimum manning level as per the plan. Maintain minimum maintenance capability as per the plan. Access to operational site are limited to selected/ approved critical staff as per the list.

Mr. Responsible You

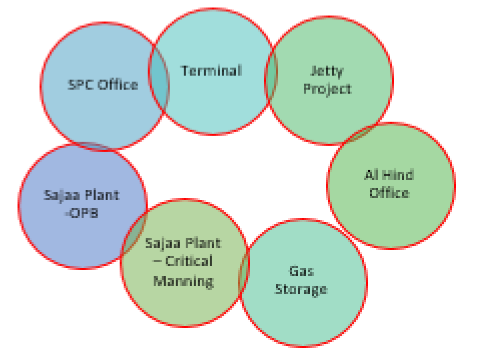
Zero Exposure Days – SNOC Covid-19 Story

- Pandemic plan available. Budget allocations for necessary resources, needs and requirements. Identification of jobs that must be available in the workplace and jobs that can be continued remotely.

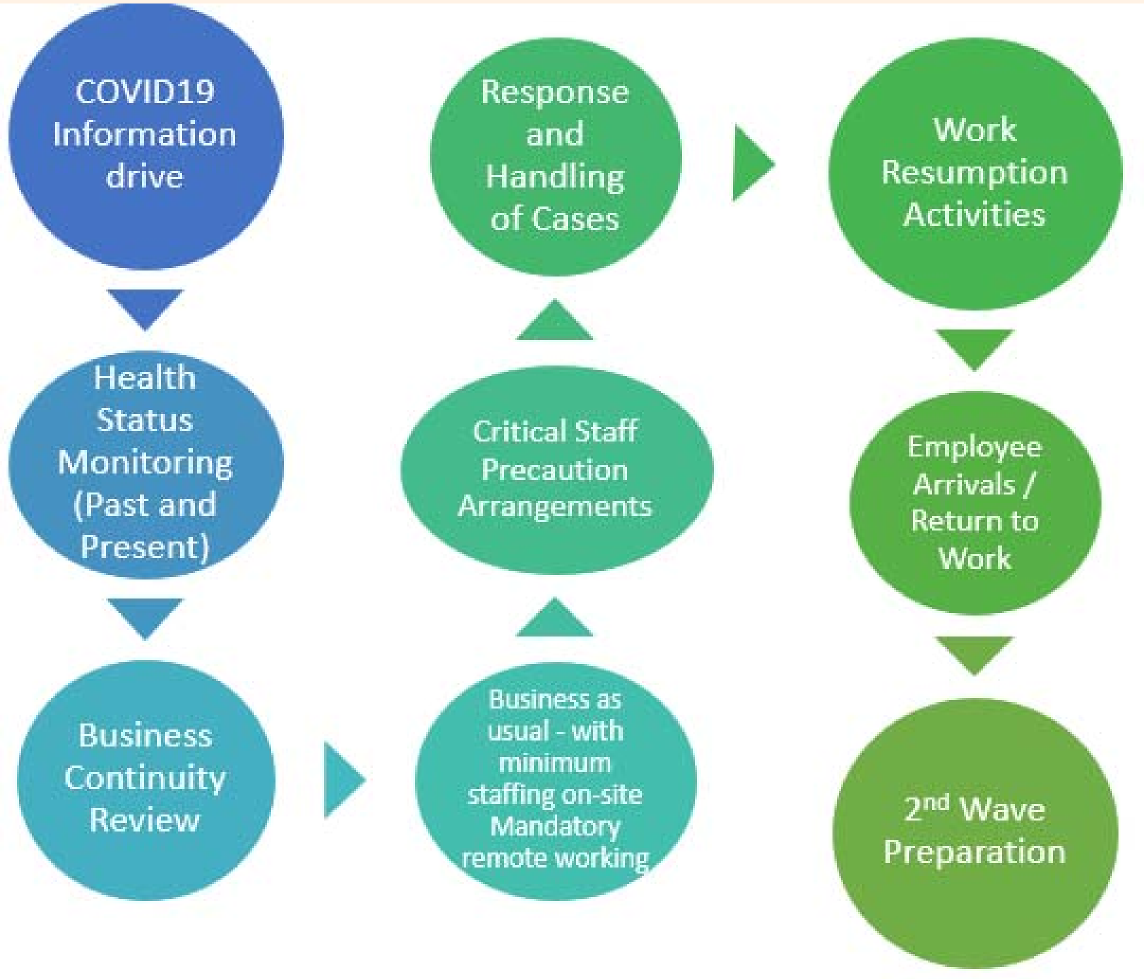
- Technology available for work from home. Alternative Facilities to carry out critical functions. Methodology to monitor efficiency of remote work performance. Mechanism to suppliers. Ensure resources are provided. Supply chain management and supply network for service requirements. Coordination of activities for supply chain.

- Increase and continuous education of the workers. Intr0duce Quaran30 (day and night). Review of appropriate Mask Availability. Disinfection and sterilization operations. Providing Health Control and preventive measures

- Temporary places for sanitary isolation. Suspected Case Management. Medical and logistical requirements in coordination with authorities. Coordination with external parties (police, transport, ambulance, and hospitals) to request support and assistance. Availability of individuals to attend to security and protection in case of a situation or suspicion. Isolation of suspects in places designated for temporary isolation (pending transfer to hospital). Suggested to keep one or several rooms in Nova Park. Contacts of confirmed and suspected cases. Transport of contacts to carry out necessary checks. Providing the necessary logistical support in all cases.



Covid-19 – Success Cornerstone


COVID19 Information drive
Health Status Monitoring (Past and Present)
Business Continuity Review
Business as usual - with minimum staffing on-site Mandatory remote working
Critical Staff Precaution Arrangements
Response and Handling of Cases
Work Resumption Activities
Employee Arrivals / Return to Work
2nd Wave Preparation

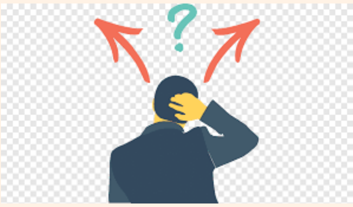
365 Days Co-existing with COVID-19

- SNOC Company-wide Commitment.
- Work from Home Efficiency.
- Dedicated Front Liners – Critical Manning.
- Unwavering passion to Employee and Contractor Safety and Health.
- Solidarity, Empathy and Compassion – Where healing begins.

Why should I get INVOLVED ???

Working so closely on engagement projects and activities have seen to have first-hand the positive impact can have on the changes to most organization, however, often I hear from friends and colleagues ***'why should I engage'**, **'no-one will listen'*** or ***'they will just do what they want!'**.*

Contributing to SNOC engagement efforts is not a waste of time and there are many reasons everyone should get involved.

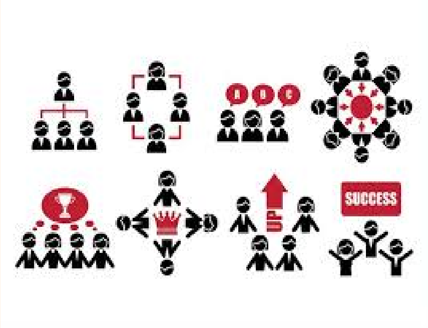


Your Opinion is Important

Better decisions are taken from ideas and feedback. Improvement is no longer about spreading information and telling people what is being done, but is a two-way street between.

More Perspectives

Without other perspectives being aired, decision makers might not make the best decision. If your opinion differs from the more popular opinions, decision makers want to hear from you so they get a balanced understanding of views and enhance the value of the final decision. The more views gathered in the process of making a decision, the more likely the final product will meet the needs and address the most concerns possible.



New Information

Involvement brings more information to the decision, including scientific or technical knowledge, knowledge about the context where decisions are implemented, history and personalities. More information can make the difference between a good and poor decisions.

Self-Fulfillment - It Feels Good

When a project is finalized and you can see the fruits of your labor, it feels good knowing that you were involved in something that benefits SNOC and the business.

Mhariffe Taruc - HSE

Safety Leadership & So Leadership Shall…

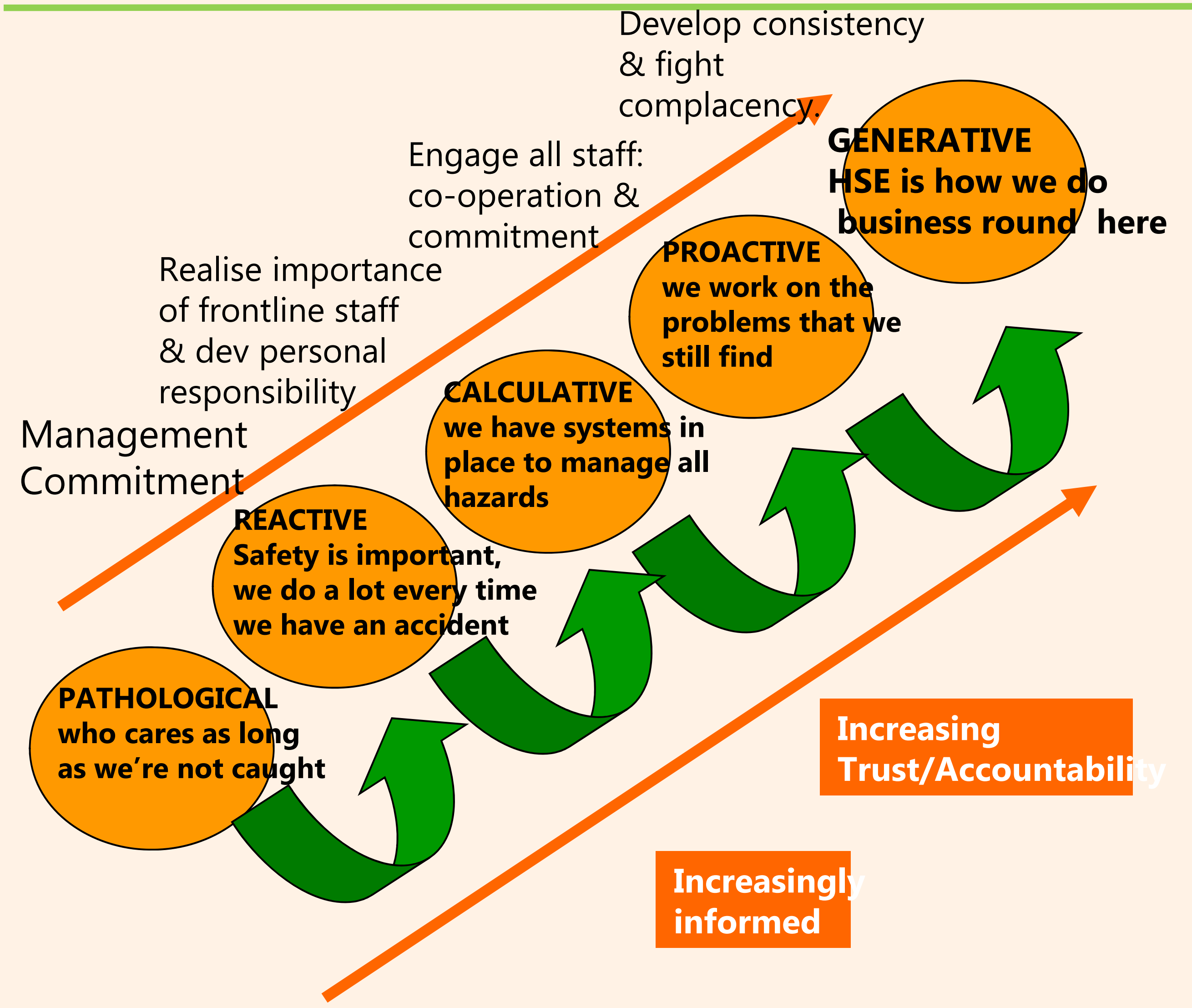
Safety Leadership:

- Leadership is not just about words but about attitude and actions.
- Leaders lead by example particularly when it comes to safety leadership.
- Leader must demonstrate their commitment and support to the workforce by being visible.
- Leaders must interact with the workforce at the work place to reduce risk (F2F communication).

So Leadership shall:

- Commend good safety performance.
- Give and receive constructive feedback.
- Be able to hold “difficult conversation”.
- Go beyond your own team.
- Demonstrate an enthusiasm for safety

The Ladder of Safety Culture



Develop consistency & fight complacency.

Engage all staff: co-operation & commitment

Realise importance of frontline staff & dev personal responsibility

Management Commitment

GENERATIVE
HSE is how we do business round here

PROACTIVE
we work on the problems that we still find

CALCULATIVE
we have systems in place to manage all hazards

REACTIVE
Safety is important, we do a lot every time we have an accident

PATHOLOGICAL
who cares as long as we're not caught

Increasing Trust/Accountability

Increasingly informed

- Just Culture – we are all responsible for what we do & fail to do as individuals.
- Learning culture - ……..

Safety culture is a major element in human factors. It is influenced by management attitudes & behaviours, and by the HSE management systems in place.

The culture is dependent on the people in place at any one time. They influence the new starts & set the standards : good or bad. The change out of management will alter the culture over a period of time. Frequent changes prevent / minimise the progression of any culture.

A safe culture has the following key attributes

- Wary culture – defences & contingency plans are in place to deal with breakdowns.
- Informed culture – one that knows where the edge is without falling over it.
- Reporting culture – info. on safety observations is gathered & analysed.

Effective Safety Behaviors Matter

EVERYONE

Expresses any HSSE concerns to supervisor, including when unfit to work

SUPERVISORS

Seeks and listens to team HSSE suggestions, concerns, ideas

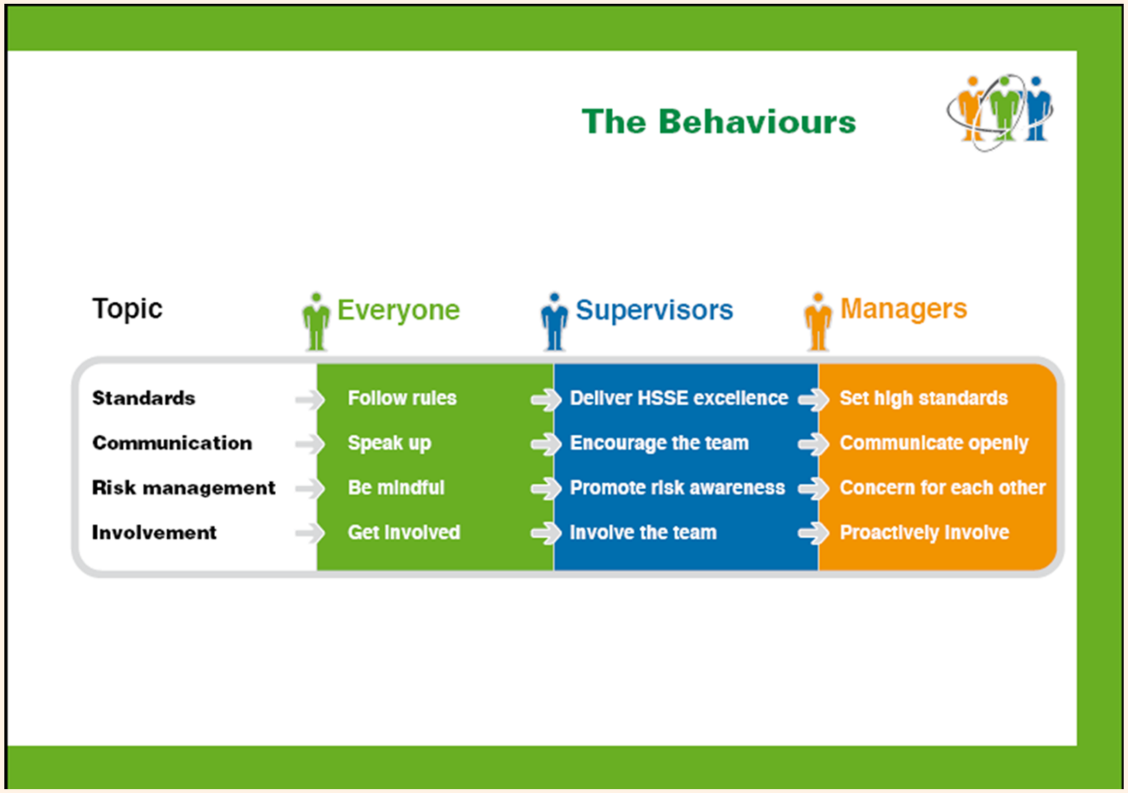
Promptly acts on HSSE concerns, seeking management support where necessary

MANAGERS

Ensures effective mechanisms for people to raise HSSE & Welfare Concerns

Makes themselves approachable for informal discussion about HSSE Concerns

Provides prompt, honest feedback on concerns raised by the workforce

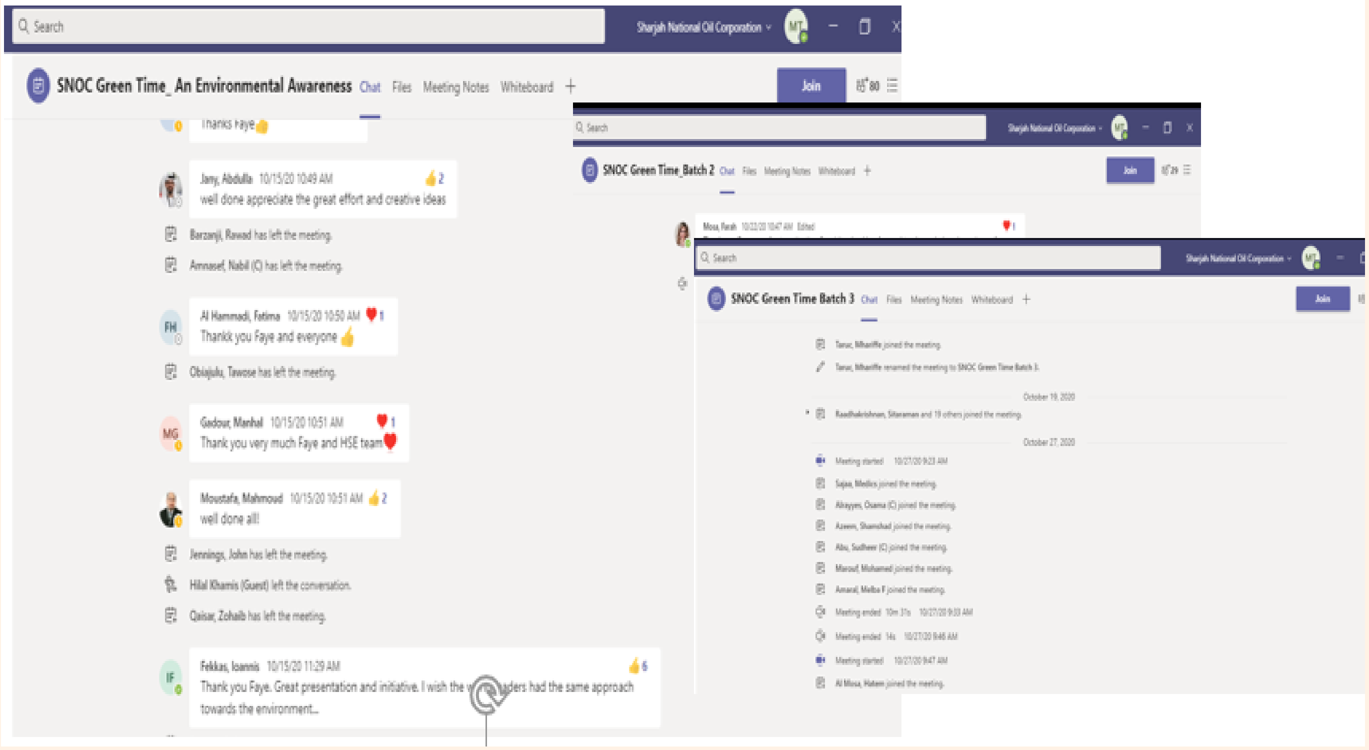


The Behaviours

Topic	Everyone	Supervisors	Managers
Standards	Follow rules	Deliver HSSE excellence	Set high standards
Communication	Speak up	Encourage the team	Communicate openly
Risk management	Be mindful	Promote risk awareness	Concern for each other
Involvement	Get involved	Involve the team	Proactively involve

Time for SNOC Green

SNOC
GREEN
TIME



SNOC Green Time_ An Environmental Awareness

Thanks Faye 👍

Jany, Abdulla 10/15/20 10:49 AM 👍 2
well done appreciate the great effort and creative ideas

Barzanji, Rawad has left the meeting.

Amnasef, Nabil (C) has left the meeting.

Al Hammadi, Fatima 10/15/20 10:50 AM ❤ 1
Thankk you Faye and everyone 👍

Obiajulu, Tawose has left the meeting.

Gadour, Manhal 10/15/20 10:51 AM ❤ 1
Thank you very much Faye and HSE team ❤

Moustafa, Mahmoud 10/15/20 10:51 AM 👍 2
well done all!

Jennings, John has left the meeting.

Hilal Khamis (Guest) left the conversation.

Qaisar, Zohaib has left the meeting.

Fekkas, Ioannis 10/15/20 11:29 AM 👍 6
Thank you Faye. Great presentation and initiative. I wish the w… …ders had the same approach towards the environment…

SNOC Green Time_Batch 2

Mosa, Farah 10/22/20 10:47 AM Edited ❤ 1

SNOC Green Time Batch 3

Taruc, Mhariffe joined the meeting.

Taruc, Mhariffe renamed the meeting to SNOC Green Time Batch 3.

October 19, 2020

Raadhakrishnan, Sitaraman and 19 others joined the meeting.

October 27, 2020

Meeting started 10/27/20 9:23 AM

Sajaa, Medics joined the meeting.

Alrayyes, Osama (C) joined the meeting.

Azeem, Shamshad joined the meeting.

Abu, Sudheer (C) joined the meeting.

Marouf, Mohamed joined the meeting.

Amaral, Melba F joined the meeting.

Meeting ended 10m 31s 10/27/20 9:33 AM

Meeting ended 14s 10/27/20 9:46 AM

Meeting started 10/27/20 9:47 AM

Al Mosa, Hatem joined the meeting.

Think again.

As the human population continues to grow, so does our impact on the environment. In fact, recent research has shown that three-quarters of Earth's land surface is under pressure from human activity. We have to make a stand for protecting the planet as its journeys with the challenges the human race to create a sustainable future.

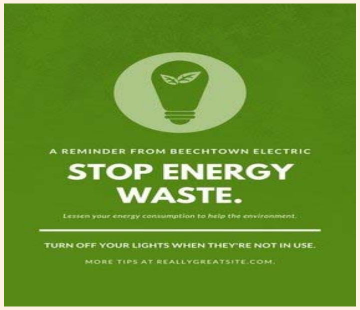
Combination of accelerating population growth, technological development and higher human aspirations for advancement is leading to increased pressure on the earth's system, with increase demands for resources and increased production of materials to be disposed.

Time for SNOC Green

The earth is essentially a closed system. Apart from energy from the sun, all the materials that are needed for life to exist are contained within the earth. After 3.8 billion years of life on earth, it might seem surprising that these resources haven’t all been consumed. However, the essential elements all form intricate cycles in which they are constantly recycled and re-used by natural processes. Human activities can have a detrimental effect on these cycles resulting in problems such as climate change, acid rain and water shortages. Remedying such problems requires an awareness of how these cycles work so measures can be implemented to restore the natural balance.

SNOC Green time was launched in batches to give a message that all employees and contractors have to make stand and take part in restoring the earth cycle. It will start with one step by each one to get closer to a better EARTH.

May the G-force be with you


A REMINDER FROM BEECHTOWN ELECTRIC
STOP ENERGY WASTE.
Lessen your energy consumption to help the environment.
TURN OFF YOUR LIGHTS WHEN THEY'RE NOT IN USE.
MORE TIPS AT REALLYGREATSITE.COM.

Save Water
THE FUTURE IS IN YOUR HANDS
For more information, visit us at: www.yourwebsite.com
THE ENVIRONMENTAL PROTECTION ASSOCIATION

Our Environment is in Your Hands.

Take it Easy – Your Body will Thank You

Overexertion causes 35% of all work-related injuries and is by far, the largest contributor to workers compensation cost – More than $15billion dollars, or 25% of the total cost in 2012, according to injury facts 2016.It also is the #1 reason for lost workdays. More than 322, 00 people missed work that year due to overexertion.

Ergonomic injuries are disorders of the soft tissues, specifically of the muscles, nerves, tendons, ligaments, joints, cartilage, blood vessels and spinal discs caused by:

Excessive lifting, lowering , pushing, pulling, reaching or stretching, Repetitive motion, work in awkward positions sitting or standing for prolonged period of time using excessive force vibration, resting on sharp corners or edge .Extremes Temperature.

Overexertion Prevention Tips:

- Regular exercise, stretching and strength training to maintain a strong core all are beneficial in preventing injury.

Following are some additional tips for work at home:

- Plan a lift before you begin, keep your back straight and lift with your legs. Limit the amount of time you spend doing the same motion repeatedly.
- Take frequent breaks from any sustained position every 20-30minutes, if you at a desk, move frequently used items closer to you, use footrest and adjust the height of your computer. Report pains, swellings, numbness, tingling or loss of strength to your doctor before it becomes a full-blown injury.

Environmental Excellence – Saving Water

Did you know that people could use less than 1% of water on Earth? The rest is salt water or is permanently frozen and we cannot drink it, wash with it, or use it to water plants.

As our population grows, more and more people are using up this resource. Therefore, it is important that we use water wisely and not waste it.

There are simple things we can do to save water, some of which are:

Tooth Brushing – Turn off the water while you brush your teeth and save up to 4 gallons a minute.

Showers: Try taking shorter showers to reduce the amount of water you use and save up 1000 gallons a month.

Hair Wash: Turn off the water while you wash your hair to save up to 150 gallons a month.

Shaving: Turn off the water while you shave and save up to 300 gallons a month.

Ears: Listen for dripping faucets and toilets that flush themselves and report it. Fixing a leak can save 500 gallons each month.

Waste Basket: Drop that tissue in the trash instead of flushing it and save gallons every time.

Share Water Conversation Tips with Friends and Colleagues

SNOC Achieves 13 Million Man Hours DAFWC Free Milestone

To say we are proud of the safe work practices and culture exemplified by reaching the ‘13 Million Man Hours DAFWC Free’ milestone, is an understatement. On October 6th, 2020 SNOC reached 13 Million consecutive man hours worked with no Days Away From Work Case (DAFWC) spanning the course of 13 years. SNOC Employees & Contractors have worked together to deliver well-executed projects safely.

Skill, knowledge, and a strong safety culture is critical to the success of SNOC and its innovative technical & exploration programs. The team’s hard work and commitment to working responsibly for their own safety, as well as the safety of others around them, allows SNOC to continually complete projects while remaining injury free. Implementing and following policies and safety procedures are key to a successful project. Continuous safety training, TBT’s, safety meetings and consistent reinforcement of the policies and procedures make the entire employees & contractors accountable for their actions and lead to success. SNOC employees’ understanding, embracing and practicing of SNOC’s high safety standards are what defines an exceptional safety culture.

“I am incredibly proud of the employees at SNOC, as well as our contractors, and clients. I acknowledge each one of you for your safe work practices and your efforts to keep each other safe. This is a significant accomplishment for SNOC and is a great outcome resulting from the efforts of everyone in the Company living and embracing our safety culture,” said HSE Manager, Abdulaziz Al Jasmi,. “I congratulate each and every one of you for this prestigious achievement.”

SNOC acknowledges the participation, collaboration, and contributions from every level and department within SNOC to reach these significant safety milestones. From the dedicated HSE team who strives to keep safety our first priority, to the operations, maintenance, engineering, procurement & supply chain and exploration & productions teams who work diligently and pay close attention to detail to remain safe during operations. We appreciate the commitment to keeping SNOC a safe place to work.

To mark the occasion, we distributed a commemorative gift to all SNOC employees and contractors. With future milestones not far away, please continue to work hard to keep all asset personnel safe at all times.

Abdulaziz Aljasmi - HSE

The Family that Draws Earth in 2100

CONGRATULATIONS

We'd like to congratulate the winners in the drawing contest entitled "The family that draws Earth in 2100." The entries were randomly selected by the Leadership Team to be part of SNOC's 2021 Calendar.

S. Jafrin
Father: Satak Maideen, Office Services Department
S. Mohamed Suhaib
Father: Satak Maideen, Office Services Department
Mhari Francine Alexie Taruc
Mother: Mhariffe Taruc, HSE Department
Mhari Scarlette Guevarra
Aunt: Mhariffe Taruc, HSE Department
Sumeera Paramba
Brother: Naseem Paramba, PSCM Department
Giechelle Margie L. Rodolfo
Uncle: Ryan Licon, Maintenance Department
Abdullah Mohamed Mostafa
Father: Mohamed Mostafa Abdelrahman, Operations Department
Hana Mohamed Mostafa
Father: Mohamed Mostafa Abdelrahman, Operations Department
Roqaya Mohamed Mostafa
Father: Mohamed Mostafa Abdelrahman, Operations Department
Abdelhalim Aboubakr
Operations Department
Mary Christ Hallig
Husband: Franklin Hallig, JBC
Franklin Hallig
Performing Authority, JBC
Kushi Khan
Aunt: Roshan Khan, Engineering Department

By: HSE

Organization of the Year for Youth Empowerment Award

It gives us great pleasure that SNOC was chosen as this year's recipient of "Organization of the Year for Youth Empowerment" Award at the GCC GOV HR Awards 2020. This award is given annually to the Organization that demonstrates exceptional activities and programs in order to help & enable youth. It is a prestigious honor that serves to recognize the best of the best within the GCC & is a ***Big Achievement for SNOC.***

We won this Prestigious Award due to the hard work and dedication by our employees.

Thank you to our HR Team – Keep up the Good Work.

Mohammed Al Haddi – HR

NDP2: National Development Program Moves to a New Phase

National Development Program 1 (NDP 1) students have started their CMAS training since October at the operation sites & have currently completed 33.3% of their training. The students have also finished their English training program which was a significant part of the program.

National Development Program 2 (NDP 2) SNOC National Development Program is aimed at training and qualifying young Emiratis to work in the Oil & Gas Sector. The four-to-five-month program, starting in the first half of 2021, aims to train University Graduate UAE Nationals to work as finance professionals such as Accountants and Financial Analysts.

Mohammed Al Haddi – HR

SNOC Family News

Congratulations & Best Wishes on the birth of:

Amaresh Jana – Baby Girl on 21st October 2020
Walid Elzamek – Baby Girl on 20th November 2020

Good wishes to their families too.
From: SNOC Colleagues

Feedback Time & Happy Reading

One Step before you exit

Send in your feedback to:

newsnoc@snoc.ae

or

Call on dedicated line
06-5199-702/767
NEWSNOC COMMITTEE